

Meeting w/ Gary and Gerry, November 26

- Need an assembly diagram for everything
 - where everything goes and how it is supported.
 - * → how bearing works,
- Get back to Gerry ASAP for ~~prelim~~ DDR grade.
- Also need parts drawing along w/ part #s
- Look carefully at how things connect (interface)
- There should be notes on parts in assembly drawings
- End file name w/ "New" to indicate it has been changed, make things easy to find in edge.
- Big gear, little teeth = big stress
- Write down what you are trying to accomplish at the start of any document or notes
- At end of document or notes, summarize what happened.
- Tolerance of gear teeth is very important, but cannot have them too tight to the point where the gear cannot move.
 - * Do tolerance analysis for gears and gear teeth, and prove it can work.
- Failure modes: difficult to maintain constant torque.
- * Need to see a solution to this failure mode.
- Fail gracefully (device failure)

Before DPR:

- Invite customers and members of all other groups
- Prepare agenda and send out
- Send out prereading for audience
- Make it clear what you are worried about and what you need confirmation on.
- Be prepared to create action items and show what action items already are at DPR

Group Meeting, Tuesday November 26

- 2 LED circuit \Rightarrow \$2 - \$3.50
- 6 LED circuit \Rightarrow 2 x the LED price.
Regulator = \$2.00
- 5.6×10^{-8} in would be maximum deflection on main shaft
- Our plan:
 - Try out both LED setups and intermediate ones w/ opamps.
 - Our decision will depend on end price.